



Sri Sai Vidya Vikas Shikshana Samithi ®

**SAI VIDYA INSTITUTE OF TECHNOLOGY**

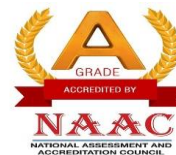
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

RAJANUKUNTE, BENGALURU 560 064, KARNATAKA

Phone: 080-28468191/96/97/98 \*E-mail: [hodcse@saividya.ac.in](mailto:hodcse@saividya.ac.in) \* URL [www.saividya.ac.in](http://www.saividya.ac.in)



## Report on Five days FDP on

# “Practical Data Structures for Industrial Problem Solving”

<b>Event Name</b>	:	<b>FDP on “Practical Data Structures for Industrial Problem Solving”</b>
<b>Event Date</b>	:	Date: 25 <sup>th</sup> – 29 <sup>th</sup> October, 2023 Time: 9:00 AM to 4: 00 PM
<b>Speaker(s) at the Event</b>	:	<b>Dr.A.M PadmaReddy,</b> Professor & Dean Academics SVIT. <b>Dr.Selva Kumar,</b> Assistant Professor,Dept of CSE, BMS College of Engineering. <b>Dr.Bhargava.R,</b> Associate Professor, Nagarjuna College of Engineering & Technology.
<b>Number of Participants</b>	:	<b>30</b>

A data structure is a method of organizing data in a virtual system. Think of sequences of numbers, or tables of data: these are both well-defined data structures. An algorithm is a sequence of steps executed by a computer that takes an input and transforms it into a target output.

FDP on “Practical Data Structures for Industrial Problem Solving” was organized for faculties across all departments of colleges to give them insight on “Industrial Problem Solving”. The FDP started around 9:00am. Dr. Tejashwini N, Associate Professor, CSE, formally welcomed all the dignitaries present on the dias, teaching and non-teaching staffs and students.

Dr. Varun E, Associate Professor, CSE, gave introduction about resource person and few words about FDP and then the session is continued to Dr. A.M PadmaReddy.

The Speaker starts session with giving introduction about Data Structures algorithms and demonstrated examples in practical session.

**Topics covered in workshop**



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- Dijkstra's
- Prims
- Multistage
- Kruskals
- Sorting
- Array
- Linked List
- Stack
- Queues
- Trees
- Searching
- Hashing
- Graphs

In Valedictory function, Vote of thanks was given by Ms. Deepik, Assistant Professor, CSE. Around 30 Faculties across various department attended the FDP in morning and afternoon session. The session was really informative.



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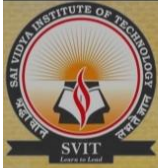
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Rajanukunte, Bengaluru 560 064, Karnataka



**Department of Computer Science Engineering  
in association with CSI**

Organizes Faculty Development Program on

**Practical Data Structures for  
Industrial Problem Solving**

## SPEAKERS

**Dr. A.M PADMAREDDY**

Professor & Dean Academics SVIT

[padmareddy.am@saividya.ac.in](mailto:padmareddy.am@saividya.ac.in)

**Dr. SELVA KUMAR S**

Assistant Professor, Department of CSE,  
B.M.S. College of Engineering

**Dr. BHARGAVAR**

Associate Professor, Nagarjuna College of  
Engineering & technology

**Date : 25/10/23 to 29/10/23**

## Faculty Coordinators

**Dr. Tejashwini N, Associate Professor, Dept of CSE**

**Dr. Ajay V.G, Associate Professor, Dept of CSE**

**Dr. Shantakumar B Patil**

HOD, CSE, SVIT

**Dr. M S Ganesha Prasad**

Principal, SVIT

Figure 1: Workshop Poster



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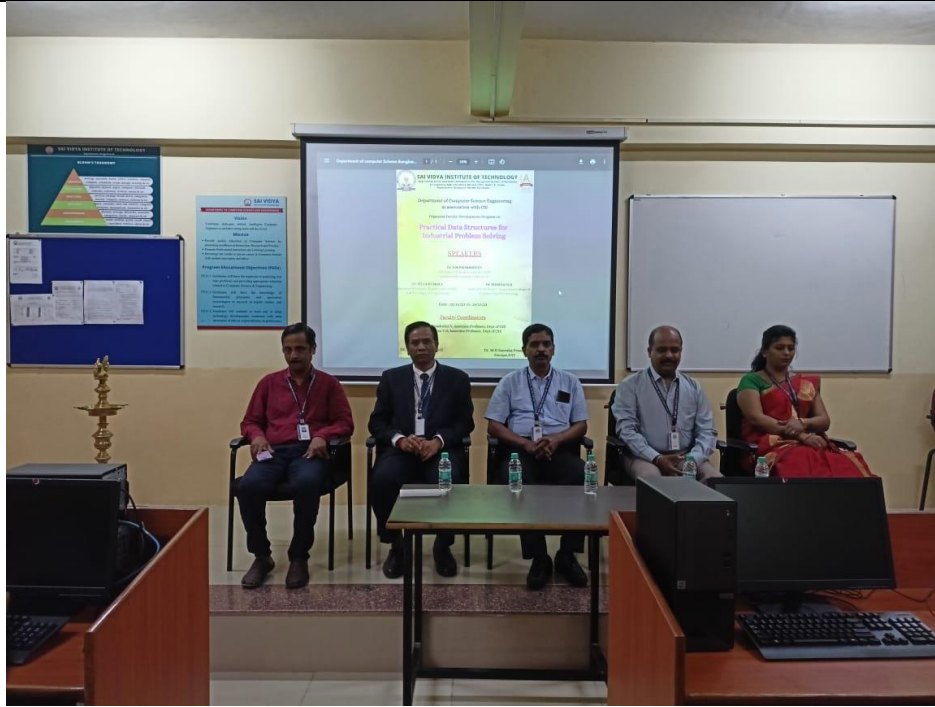


Figure 2: Inauguration function



Figure 3: Lighting Lamp



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**Figure- 4: Address by Principal Sir**



**Figure- 5: Introducing Speaker Dr. A M Padmareddy**



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**Figure- 6: Welcoming Speaker Dr. Selva Kumar**



**Figure- 7: Momento to Speaker Dr. Bhargava.R**



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Figure- 8: Issuing Certificates



Figure- 9: Group photo after Valedictory

Coordinators

HOD